

Table II

Strain	Se	Se/Pe	Pe	Pe/St	St	St/Ca	Ca	% unfused carpels
Co-gl	Control	4.0 ±0.1	0	4.0 ±0.0	0.0 ±0.1	5.7 ±0.6	0	2.0 ±0.0
35S::6.2	Line 2	4.0 ±0.0	0	4.0 ±0.0	0	5.7 ±0.5	0	2.0 ±0.0
kb SIN1	Line 9	4.0 ±0.1	0	4.0 ±0.1	0.0 ±0.3	5.8 ±0.4	0	2.0 ±0.0
cDNA								
(Co)	Line 12	4.0 ±0.0	0	4.0 ±0.0	0	5.7 ±0.6	0	2.0 ±0.0

Table II shows the effects of the 35S::6.2 kb SIN1 cDNA transgene on floral architecture. Neither aberrant floral organ number nor morphology was observed in these lines, and no fusion defects in the pistil were observed. For each phenotypic class,  $n = 50$  flowers and the data are presented as the mean organ number  $\pm$  SD. se, sepals; se/pe, sepaloid petals; pe, petals; pe/st, petaloid stamen; st, stamen; st/ca, stamenoid carpels; ca, carpels. Data were analyzed using the Fisher-Behrens procedure, with \* representing the  $d$  value significant at the 95% level, \*\* representing the  $d$  value significant at the 99% level.